Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	75	(helix helical) and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:14
L35	17	(US-20030052262-$ or US-20040010928-$ or US-20040025357-$ or US-20050040323-$ or US-20040256545-$).did. or (US-6828783-$ or US-6552330-$ or US-6528783-$ or US-6501069-$ or US-6483104-$ or US-5481100-$ or US-5066857-$ or US-5537210-$ or US-3935447-$).did. or (JP-07218237-$ or JP-07218221-$ or JP-02285214-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/03/19 18:25
L36	5	35 and imag$5	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:35
L37	2	35 and radius and resolution and pitch	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:43
L38	1	35 and effective with pitch	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:43
L39	300	cylinder and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:46
L40	89	39 and internal	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:47
L41	20	39 and (detector sensor) with internal	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:47

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2311	((250/231.13,231.14) or (33/1pt) or (341/11,13)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/19 14:41
L2	161	L1 and (spiral$5 cylinder cylindr$4) near5 (grating encod$4 cod$4 track$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:06
L3	0	("2005/0040323").URPN.	USPAT	OR	ON	2005/03/19 14:41
L4	0	("2004/0025357").URPN.	USPAT	OR	ON	2005/03/19 14:41
L5	0	("2002/0088934").URPN.	USPAT	OR	ON	2005/03/19 14:43
L6	4	("5129725" | "6248993").PN. OR ("6483104").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 14:54
L7	130141	(spiral$5 cylinder cylindr$4) near5 (grating encod$4 cod$4 track$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:07
L8	1950	7 and "250"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:07
L9	166	8 and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L10	60	9 not 2	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:12
L11	76	((cylinder cylindr$5) with (encod$4 cod$4)) same spiral	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L12	25	("3774014" | "3866056" | "4282431" | "4308455" | "4463251" | "4622457" | "4652732" | "4818850" | "4822987" | "4847474" | "5098642" | "5243128").PN. OR ("5481100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:19
L13	21516	(cylinder cylindr$5) with spiral	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L14	8	13 and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L15	28	(spiral with (grating encod$4 cod$4 track$4)) and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:25
L16	3	("5302820" | "5665965" | "5886352").PN. OR ("6552330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:02

L17	10261	spiral$4 near5 (grating encod$4 cod$4 track$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L18	21	17 and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:04
L19	8142	(spiral$5 cylind$6) near5 (grating encod$4 cod$4 track$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:07
L20	1677	19 and (detect$4 sens$4 measur$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:08
L21	14591	cylind$6 with spiral	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:08
L22	36	cylind$6 with spiral with (encod$4 cod$4 grating)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L23	42	cylind$6 with wind$4 with (encod$4 cod$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L24	41	23 not 22	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L25	21646	wind$4 near5 (grating encod$4 cod$4 track$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L26	102	25 and 250/231$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:19
L28	81	26 not (9 11)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:22
L29	1	("5537210").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/19 16:30
L30	14	("3688570" | "3935447" | "4528448" | "4541716" | "4987299" | "5118932" | "5121371" | "5159192" | "5204524" | "5283434").PN. OR ("5537210").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:30
L31	16	("2247805" | "3011020" | "3553469" | "3757128").PN. OR ("3935447").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:33
S1	2311	((250/231.13,231.14) or (33/1pt) or (341/11,13)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 19:14
S2	161	S1 and (spiral$5 cylinder cylindr$4) near5 (grating encod$4 cod$4 track$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 19:17
S3	0	("2005/0040323").URPN.	USPAT	OR	ON	2005/03/18 19:17
S4	0	("2004/0025357").URPN.	USPAT	OR	ON	2005/03/18 19:18